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| Substitute Form PTO-1449<br>(Mandatory)  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>11283-012001 | Application No.<br>09/920,922 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) |  | Applicant<br>Atsushi Miyawaki et al.  |                               |
|  |  | Filing Date<br>August 2, 2001         | Group Art Unit<br>1638        |

**U.S. Patent Documents**

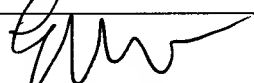
| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee     | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|--------------|-------|----------|----------------------------|
| gm               | AA        | 5,789,166     | 08/04/1998 | Bauer et al. | C12Q  | 1/68     |                            |
| gm               | AB        | 5,932,419     | 08/03/1999 | Bauer et al. | C12Q  | 1/68     |                            |
|                  | AC        |               |            |              |       |          |                            |
|                  | AD        |               |            |              |       |          |                            |
|                  | AE        |               |            |              |       |          |                            |
|                  | AF        |               |            |              |       |          |                            |
|                  | AG        |               |            |              |       |          |                            |
|                  | AH        |               |            |              |       |          |                            |
|                  | AI        |               |            |              |       |          |                            |
|                  | AJ        |               |            |              |       |          |                            |
|                  | AK        |               |            |              |       |          |                            |

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TECH CENTER 1600/2900**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AL        |                 |                  |                          |       |          |             |    |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
| gm               | AQ        | Amplification of closed circular DNA <i>in vitro</i> , Nucleic Acids Research, 1998, Vol. 26, No. 4, Pages 1126-1127 |
|                  | AR        |  |
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|                  | AT        |  |

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| Examiner Signature<br>  | Date Considered<br>8/23/02 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

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| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>11283-012001 | Application No.<br>09/920,922 |
|  | Applicant<br>Atsushi Miyawaki et al.                       |                                       |                               |
|  | Filing Date<br>August 2, 2001                              | Group Art Unit<br>1638                |                               |

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| U.S. Patent Documents |           |               |            |          |       |          |                            |
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| Examiner Initial      | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | AA        |               |            |          |       |          |                            |
|                       | AB        |               |            |          |       |          |                            |
|                       | AC        |               |            |          |       |          |                            |
|                       | AD        |               |            |          |       |          |                            |
|                       | AE        |               |            |          |       |          |                            |

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| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AF        |                 |                  |                          |       |          |             |    |
|   | AG        |                 |                  |                          |       |          |             |    |
|   | AH        |                 |                  |                          |       |          |             |    |
|   | AI        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |  |
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| Examiner Initial  | Desig. ID | Document   |
| <i>fw</i>   | AJ        | European Search Report   |
|   | AK        | XP-002179561; Approaches to DNA Mutagenesis: An Overview; Analytical Biochemistry, 254, Pgs. 157-178 (1997); Article No. aB9724B28   |
|   | AL        | XP-001019207; Two-Stage PCR Protocol Allowing Introduction of Multiple Mutations, Deletions and Insertions Using Quik-Change Site-Directed Mutagenesis; Vol. 26, No. 4 (1999)                              |
|   | AM        | XP-002096735; An improved PCR-mutagenesis strategy for two-site mutagenesis or sequence swapping between related genes; Nucleic Acids Research, 1998, Vol. 26, No. 7 Pgs. 1848-1850                        |
|   | AN        | XP-002179562; Directed evolution of green fluorescent protein by a new versatile PCR strategy for site-directed and semi-random mutagenesis; Nucleic Acids Research, 2000, Vol. 28, No. 16                 |
|   | AO        | XP-002179563; Circularly permuted green fluorescent proteins engineered to sense CA <sup>2+</sup>  |
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| Examiner Signature<br><i>fw</i>  | Date Considered<br>8/23/02 |
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